

**WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
WV/NPDES CONSTRUCTION STORMWATER PERMIT**

<b>FACILITY NAME:</b>	Raleigh County Elementary School			<b>REG. #</b>	<b>EXPIRE DATE:</b>
<b>PERMITTEE</b>	RALEIGH CNTY BD OF ED			WVR108335	1/3/2018 Extended: 6/30/2018
<b>ADDRESS/PHONE:</b>	Attn: ROD LIVELY, DIR OF FAC & MAIN 151 CRANSTON DR BECKLEY, WV 25801 3042564565				
<b>LOCATION:</b>	37° 43' 31.9" N, 81° 15' 16.30" W			<b>Entry Date/Time:</b>	5/1/2018 0925
<b>COUNTY:</b>	Raleigh			<b>Exit Date/Time:</b>	5/1/2018 1130
<b>Site Representative /Phone</b>	Johnny Blair-Radford & Radford Brett Hunsucker- PCS			<b>PHOTOS</b> <input checked="" type="checkbox"/>	
<b>CO-PERMITTEE:</b>				<b>ADDRESS:</b>	
<b>SITE OPERATOR:</b>	Radford & Radford Inc.			<b>ADDRESS:</b>	860 Ragland Road, Beckley WV 25801
<b>PERMITTED ACREAGE</b>	15	<b>WEATHER:</b>	Clear	<b>LAST INSPECTION:</b>	n/a
<b>RECEIVING STREAM(S)</b>	Shockley Branch/Camp Branch/Marsh Fork/Big Coal River				<b>NOV: 1</b>
<b>Regular Mail</b> <input type="checkbox"/> <b>Certified Mail</b> <input checked="" type="checkbox"/>		<b>Tracking #</b>			
<b>OVERALL FACILITY RATING:</b>	Unsatisfactory		<b>COMPLIANCE OUTCOME</b>	Not Immediately Corrected	

**PERMIT / SITE EVALUATION**

S-Satisfactory	U-Unsatisfactory	N/A-Not Applicable	N/O-Not Observed	N/D Not Determined	M-Marginal	Y-Yes	N-No
1. PERIMETER CONTROLS	U	9. HOUSEKEEPING/SOLID WASTE	U	17. CONCRETE WASHOUT		S	
2. DIVERSIONS/DITCH CHECKS	U	10. RECORDS, REPORTS & PLANS ON SITE	U	18. PUBLIC NOTICE SIGN		S	
3. SEDIMENT TRAPS/BASINS	U	11. STABLE CONSTRUCTION ENTRANCE	S	19. SEDIMENT LADEN WATER LEAVING SITE		U	
4. OUTLET MARKERS	N/A	12. MUD ON ROADWAY/DUST	S	20. CONDITIONS NOT ALLOWABLE		No	
5. WASTE/BORROW SITES	U	13. APPROPRIATE BMP'S IMPLEMENTED	U	21. SWPPP/ GPP/PERMIT COMPLIANCE		U	
6. OPERATIONS & MAINTENANCE	U	14. FILL SLOPE PROTECTION	U	22. ORDER COMPLIANCE		N/A	
7. WATER BARS	N/A	15. DEVICES INSTALLED IN TIMELY MANNER	N/D	23. OTHER:			
8. STABILIZATION PRACTICES	U	16 DROP INLET PROTECTION	S	24. OTHER:			

**COMMENTS DEFICIENCIES AND RECOMMENDATIONS**

- 1. Perimeter Fence was in serious disrepair throughout the project area. Observed silt fencing with broken stakes, pushed over from sediment, holes within fencing in 2 separate locations, under cut with erosion gullies, material stacked upon fencing, debris stored against fencing, loose fencing, inappropriate breaks in fencing allowing sediment laden water to leave the site without going through an appropriate device. (Photos 1-11)
- 2. Diversion & Ditch checks- temporary diversion on south side of project had 2 separate areas where 'cuts' were made sending water over slope instead of at terminus of diversion, debris- trash, logs, and large dirt clods were in the diversion, diversion was not graded to allow adequate drainage per plan, and ditch check (temporary eel) were not installed correctly. (Photos 21-23)
- 3. Sediment basin- stone ring (per plan) was not installed which allowed the basin to short circuit- not allow enough settling time, sides had unprotected inlets from erosion gullies on eastern side, outlet showed evidence of sediment laden water leaving the site and sediment deposits were observed at outlet, on concrete outlet protection and on downslope side of perimeter fencing. (Photos 16, 17 & 20)

- 5. Waste pile on northwestern side of site did not have temporary stabilization and plan did not indicate placement of waste material. Temporary topsoil pile did not have temporary stabilization installed. (Photos 13 & 14)
- 6. Maintenance needs performed on all sediment and erosion control devices.
- 8. Temporary stabilization has not been applied to waste pile & temporary topsoil pile. Reseeding – after the initial temporary seed failed to germinate- has not been completed throughout the site. Reseeding on eastern side with permanent stabilization had not been completed. (Photos 11-15 & 24)
- 9. Housekeeping- site has trash and construction debris scattered throughout. Trash was observed embedded into soil, blown across perimeter fence, pushed against perimeter fencing and within diversion ditch. Dumpster was on-site (Photos 2, 4, 6-11, & 22-24)
- 10. Records of training and maintenance reports were not kept on-site and were not available for review. Mr. Blair stated they were kept at main office.
- 13. Appropriate BMP's were not implemented to sufficiently avoid sediment laden water from leaving the site. On north side of site, silt fence had failed, and sediment deposits were observed outside of perimeter fencing. On western side of site, sediment deposits were observed off Limit of Disturbance (LOD) at outlet of basin, outlet of drainage area under amphitheater had no protection. and no controls were installed on the southeastern side of site at location of pad for pump station. (Photos 18 & 19)
- 14. Southern slope was left unprotected in several areas creating erosion gullies. Diversion ditch was inappropriately cut to allow water to flow uncontrolled down slope, outlet from drainage area under amphitheater had no protection allowing water to flow uncontrolled down slope, location of pump station pad had no controls with sediment delta at terminus. (Photos 25-27)
- 19. Evidence of sediment laden water leaving the site was observed at 2 locations. Sediment deposits observed on north side of site from silt fence failure and at sediment basin outlet. (Photos 28-34)
- 21. SWPPP was not followed- diversion ditch was not graded for positive drainage, stone rings around outlets were not installed, and waste soil area was not delineated.

*Christy Pitsenbarger*

INSPECTOR: Christy Pitsenbarger

Telephone: 304-816-2453

*Modified: 10-15-2017 JHH*

STATE OF WEST VIRGINIA  
Department of Environmental Protection  
Environmental Enforcement  
NOTICE OF VIOLATION

Violation No **W18-41-003-CP**

To the Operator or Agent of:

Facility Name: **Raleigh County Elementary School** Permit No. **WVR108335**

Permittee or Individual: **RALEIGH CNTY BD OF ED**

Located at or near: **37° 43' 31.89" N, 81° 15' 16.30" W** in **Raleigh** County

Representative: **ROD LIVELY, DIR OF FAC & MAIN** Date: **5/1/2018** Time: **0925**

Address / phone number: **151 CRANSTON DR, BECKLEY, WV 25801 / 3042564565**

Whereas, an inspection of the above named operation by the undersigned, duly authorized agent of the Secretary, at which the following described condition or practice exists, in violation of Chapter **22**, Article **11**, Section(s) **1 et. Seq.** of the Code of West Virginia and/or Section(s) \_\_\_\_ of the Rules and Regulations and/or Section(s) **D. & G.** of the Permit referenced above promulgated thereunder in that you:

**Have violated the following terms and conditions of WV/NPDES General Water Pollution Control Permit No. WV0115924, Registration No. WVR108335:**

- **Section D.1. - Permittee has failed to properly operate and maintain all systems of treatment and controls- perimeter fence needs maintenance, diversion ditch needs maintenance, materials are stored on/against silt fence, and silt fence has holes in 2 separate locations. (Photos 1-11)**
- **Section G.4. - Permittee has failed to comply with the General Permit and approved Storm Water Pollution Prevention Plan (SWPPP). Stone ring was not installed at terminus of culvert (Photo 20) which is not allowing adequate settling time to prevent sediment laden water leaving the site and location of waste material was not notated on plan (Photos 13 & 14).**
- **Section G.4.d.1.B.- Permittee has failed to maintain a clean and orderly project site- trash was observed at multiple locations, including against silt fence, partially buried, and beyond area of disturbance. (Photos 2, 4, 6-11, & 22-24)**
- **Section G.4.e.2.C.vi. - Permittee has failed to maintain records that document inspections of erosion control devices and maintenance activities- records were not accessible for review.**
- **Section G.4.e.2. - Permittee has failed to properly implement controls: improperly installed and maintained ditch checks, diversion had cuts allowing water to flow over slope instead of at terminus, debris and trash was observed in diversion, ditch checks were not properly installed/maintained (Photos 21-23) and lack of outlet protection at terminus of amphitheater drainage (Photos 25-27), and pump station location did not have any controls installed (Photos 18 & 19).**
- **Section G.4.e.2.A.i.b. - Permittee has failed to provide interim stabilization on areas where construction activities have temporarily ceased for more than 14 days- on waste material non-working faces. (Photos 12-13)**
- **Section G.4.e.2.A.i.c. - Permittee has failed to reseed areas that failed to germinate within 30 days after seeding throughout the site including non-working faces of topsoil stockpiles, sediment basin, eastern side of site (permanent cover). (Photos 14, 15, 23 & 24)**
- **Section G.4.e.2.A.ii.c. - Permittee has failed to provide inlet and outlet protection for sediment control structure-unprotected inlets caused by erosion gullies observed on south eastern side of sediment basin. (Photos 16-17)**
- **Section G.4.e.2.A.ii.f. - Permittee has failed to protect fill slopes-outlet to amphitheater drainage was not protected and 'cuts' were made into diversion ditch sending water down slope without protection. (Photos 25-27)**

- **Section G.4.e.2.A.ii.j - Permittee has failed to prevent sediment-laden water from leaving the site without going through an appropriate device- on northern side of side where perimeter fencing failed and on western side of site at outlet of sediment basin. (Photos 28-34)**

The following corrective measures were discussed with you at the time of this inspection:

**Take measures to correct the aforementioned violations.**

Within **20** days provide a written response to the inspector named below, at the address indicated, detailing the actions taken to abate this violation.

Received by:

**Sent Certified Mail--70180040000047938737**

Signature

Title



Duly Authorized Agent /  
Inspector

**304-816-2453**  
Telephone

**Christy.e.pitsenbarger@wv.gov**  
E-mail

**Send Response to the Inspector at the address indicated below:**

WV Department of Environmental Protection  
Environmental Enforcement / WW  
1159 Rahall Greenway, Fayetteville, WV 25840





Photo 1: Silt fence needs maintenance.



Photo 2: Material stored on silt fence knocking it over and debris/trash beyond first layer of silt fence.





Photo 3: 1 of 2 holes observed in silt fence.



Photo 4: Silt fence needs maintenance and debris/trash is randomly laying over site.





Photo 5: Silt fence needs maintenance and trash is against silt fence.



Photo 6: Silt fence needs maintenance and trash is over perimeter fencing beyond LOD.





Photo 7: Material (brick and wood) stored against silt fence, which needs maintenance.



Photo 8: Trash and debris piled in random places throughout the site.





Photo 9: Trash and debris stored against silt fence.



Photo 10: Trash imbedded into dry soil.





Photo 11: Silt fence needs maintenance, trash is against silt fence, and site needs reseeded.



Photo 12: Waste stockpile not on plan and does not have temporary stabilization.





Photo 13: Non-working side of waste stockpile without temporary stabilization.



Photo 14: Non-working face of topsoil stockpile which needs reseeded, as well as area around stockpile.





Photo 15: Non-working face of topsoil stockpile and surrounding area which needs reseeded and silt fence needs maintenance.



Photo 16: Unprotected inlets entering sediment basin. (view south)





Photo 17: Close-up of unprotected inlets entering sediment basin (view north).



Photo 18: No controls installed at installation of pad for pump station.





Photo 19: Erosion gully without controls at installed pump station pad.



Photo 20: Stone ring (per plan) not installed which does not allow adequate settling time.





Photo 21: Improper installation of ditch check- on west side of site.



Photo 22: Improperly maintained ditch check with debris in diversion.





Photo 23: Improperly maintained ditch check- trash located in diversion and reseeding needed.



Photo 24: Reseeding needed and trash randomly around site.



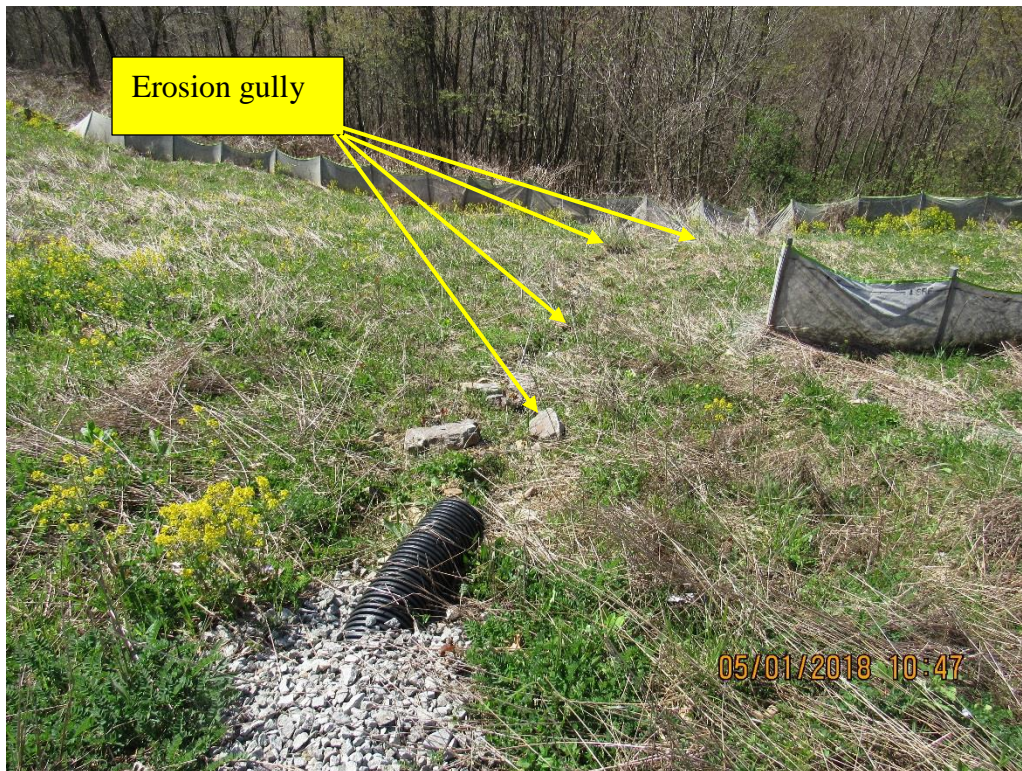


Photo 25: Unprotected outlet of amphitheater drainage creating erosion gully along slope.



Photo 26: Silt fence near amphitheater needs maintenance creating erosion gully over slope (view top of slope).





Photo 27: Erosion gully from Photo 26.



Photo 28: Silt fence compromised allowing sediment laden water to leave the site on north side of site.





Photo 29: Sediment deposits downslope of compromised silt fence from Photo 28.



Photo 30: Sediment deposits on outlet of sediment basin.





Photo 31: Sediment deposits on stone ring around sediment basin outlet.



Photo 32: Close-up on notated location in Photo 31 with sediment deposits in perimeter fencing breach.





Photo 33: Sediment deposits downslope of perimeter fencing from Photo 32.



Photo 34: Sediment deposits downslope of sediment basin outlet.



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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

RALEIGH CNTY BD OF ED  
Attn: ROD LIVELY  
151 CRANSTON DR  
BECKLEY, WV 25801



9590 9402 2801 7069 7534 75

2. Article Number (Transfer from service label)

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**COMPLETE THIS SECTION ON DELIVERY**

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*Shirley Gault*

☐ Agent

☐ Addressee

B. Received by (Printed Name)

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